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TECHNICAL TRANSLATIONS

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TECHNICAL TRANSLATIONS

U.S. DEPARTMENT OF COMMERCE
Luther H. Hodges, Secretary

OFFICE OF TECHNICAL SERVICES
Donald A. Schon, Director

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NOTICES TO SUBSCRIBERS

New OTS Pricing

A new OTS standard pricing schedule has been adopted. The new prices, which became effective with the October 15, 1964 issue, apply only to translations acquired and sold by the Office of Technical Services and in general are 1/3 lower than the average previous prices. Prices for documents acquired and sold by other sources are not affected.

OTS has changed also its system of microphotography from microfilm to microfiche (a unitized sheet form of microphotography). Most Government agencies are converting because microfiche has many advantages over microfilm. It can be produced faster and at less cost, disseminated rapidly, filed and stored easily.

OTS will use the International Standard size of microfiche sheet of 105 mm. x 148 mm. (approximately 4"x6"). Image size will be generally an 18: 1 reduction.

Beginning with the October 15, 1964 issue, documents available from OTS list a hard copy price (indicated by the letters "HC") and when microfiche is available, a microfiche price (indicated by the letters "MF") is also given. The prices given reflect the new pricing schedule where appropriate.

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The Special Literature Searching Service is a subscription-type service to provide subscribers with bibliographic information tailored to their specifications. For information on this service, write to OTS, U. S. Department of Commerce, Washington, D. C., 20230.

HOW TO ORDER TRANSLATIONS

The translations reported in this issue are arranged under the categories indicated in the Contents. The sub-groups of the categories are flexible and used only when there are several translations in a particular sub-group. When the subject of a sub-group is not included in the Contents, reference should be made to the general category into which it falls.

References to sources of original text are given as they appear on the translation, with sufficient editing to assure uniformity in citations.

Some of the translation notes for individual translations have been marked with the symbol (#) preceding the name of the journal. This symbol indicates that the particular journal is also translated cover-to-cover.

Listed below are agencies from which translations may be purchased. Each entry in the Technical Translations indicates by symbol the agency from which the translation should be ordered, the cost of the translation (if known), and the number by which the translation may be ordered, if such a number exists. Make check or money order payable to the agency indicated.

SYMBOLS FOR SOURCES OF TRANSLATIONS

AC
A. Capelo
P. O. Box 46354
Hollywood,
California 90046

AGI
AGI Translations Office
American Geological Institute
1444 N Street, N. W.
Washington, D. C. 20005

AGS
American Geographical Society
Broadway at 156th Street
New York, New York 10032

AGU
American Geophysical Union
Suite 506, 1145-19th Street, N. W.
Washington, D. C. 20036

AIAA
American Institute of Aeronautics and Astronautics
500 Fifth Avenue
New York, New York 10036

AIBS
American Institute of Biological Sciences
2000 P Street, N. W.
Washington, D. C. 20006

AIP
American Institute of Physics
335 East 45th Street
New York, New York 10017

AIS
Argus Information Service
624 N. Eutaw Street
Baltimore, Maryland 21201

AM
Acta Metallurgica
122 East 55th Street
New York, New York 10022

AMS
American Mathematical Society
190 Hope Street
Providence, Rhode Island 02906

ANSP
Academy of Natural Sciences of Philadelphia
19th St. and the Parkway
Philadelphia, Pennsylvania 19103

API
Academic Press, Inc.
111 Fifth Ave.,
New York, New York 10003

ARS
American Rocket Society, Inc.
20th and Northampton Streets
Easton, Pennsylvania 18042

ATS
Associated Technical Services, Inc.
P. O. Box 271
East Orange, New Jersey 07017

BGIRA
British Glass Industry Research Association
Northumberland Road
Sheffield 10, England

BIHR
Circulation Manager
Translations of the Beltone Institute for Hearing Research
2900 West 36th Street
Chicago, Illinois 60632

BISI
British Iron & Steel Industry Translation Service
The Iron and Steel Institute
4, Grosvenor Gardens
London, S. W. 1, England

BWRA
British Welding Research Association
Abington Hall, Abington
Cambridge, England

CB
Consultants Bureau Enterprises Inc.
227 West 17th Street
New York, New York 10011

CCT
Consultants Custom Translations Inc.
227 West 17th Street
New York, New York 10011

CHP
Cleaver-Hume Press, Ltd.
31, Wright's Lane
London, W. 8, England

CID
Centro de Informacion y Documentacion
Patronato Juan de la Cierva,
Serrano 150, Apartado 743,
Madrid 6, Spain

CIDNT
Centralny Instytut Dokumentacji Naukowo-Technicznej
Warszawa 12
Aleja Niepodleglosci 188
Poland

CNP
Comitato Nazionale per la Produttivita
Service d'Information
Viale Regina Margherita N. 83D
Rome, Italy

CNRS
Centre National de la Recherche Scientifique
Centre de Documentation
15 Quai Anatole France
Paris 7, France

CSIRO
Commonwealth Scientific and Industrial Research Organization
Information Service
314 Albert Street
East Melbourne C. 2, Victoria
Australia

CTRA
The Librarian
The Coal Tar Research Association
Oxford Road
Gomersal, Leeds, England

CTS (Chem)
Chemical Translating Service
2243 Greer Road
Palo Alto, California 94300

CTT
Columbia Technical Translations
5 Vermont Avenue
White Plains, New York 10600

DI
Circulation Unit
Department of the Interior
Central Library
Room 1149
Washington, D. C. 20240

DTC
Danish Translations Centre,
c/o Library of the Danish Atomic Energy Commission,
Riso. Roskilde, Denmark

EIS
Engineering Information Services
Kirkham, Preston, Lancashire,
England

ES
Erica Stux
584 Moreley Avenue
Akron, Ohio 44320

ETC
European Translations Centre
Coelenstraat 101, Delft,
The Netherlands

FASEB
Federation of American Societies for Experimental Biology
9650 Wisconsin Avenue
Washington, D. C. 20014

FRI
Fulmer Research Institute, Ltd.
Stoke Poges,
Buckinghamshire,
England

FT
Faraday Translations
15 Park Row
New York, New York 10038

GB
Gordon and Breach
Publishers, Inc.
150 Fifth Avenue
New York, New York 10011

GPO
Superintendent of Documents
Government Printing Office
Washington, D. C. 20402

GPRC
Geophysical & Polar Research Center
6021 S. Highland Road
Madison, Wisconsin 53706

HB
Henry Brutcher
P. O. Box 157
Altadena, California 91001

HMSO
Her Majesty's Stationery Office
P. O. Box 569
London, S. E. 1, England

HTCBN
Hungarian Trading Company for Books and Newspapers "Kultura"
Budapest 62, P. O. Box 149

ICE
International Chemical Engineering
345 East 47th Street
New York, New York 10017

IEEE
Institute of Electrical & Electronics Engineers
275 Madison Avenue
New York, New York 10016

INFOSERV
Infoserv
P. O. Box 217
West Hartford, Conn. 06097

INT
International Patent Service N. V.
P. O. Box 101
's-Hertogenbosch,
The Netherlands

IP
Interscience Publishers, Inc.
250 Fifth Avenue
New York, New York 10001

IPST
Israel Program for Scientific Translation
Kiryat Moshe
P. O. Box 7145
Jerusalem, Israel

ISA
Instrument Society of America
530 William Penn Place
Pittsburgh, Pennsylvania 15219

K-H
Kresge-Hooker Science Library Associates
Wayne State University
Detroit, Michigan 48202

LAND-AIR
Land-Air, Inc.
Pacific Missile Range
Point Mugu, California 95468

LC
Photoduplication Service
Publication Board Project
Library of Congress
Washington, D. C. 20540

LSA
Literature Service Associates
Route 1
Bound Brook, New Jersey 08805

MACL
Maclaren and Sons, Ltd.
Maclaren House
131 Great Suffolk Street
London, S. E. 1, England

MACM
Macmillan Co.
60 Fifth Avenue
New York, New York 10011

MDF
Morris D. Friedman
7553 Waterford Drive
San Jose, California 95129

MT
M. de O. Tollemache
Pennyford Cottage,
Burrington,
Umberleigh, Devon, England

MUL
Mulholland Engineering Translations
26 Burton Woods Lane
Cincinnati, Ohio 45229

NASA
National Aeronautics and Space Administration
1520 H Street, N. W.
Washington, D. C. 20546

NRCC
National Research Council Library
Ottawa 2, Canada

OB
Oliver & Boyd, Ltd.
Tweeddale Court
14 High Street
Edinburgh 1, Scotland

OSA
Optical Society of America, Inc.
33 University Road
Cambridge, Massachusetts 02138

OTS
Office of Technical Services
Department of Commerce
Washington, D. C. 20230
(Also available through
Department of Commerce
Field Offices)

PERA
The Information Manager
Production Engineering Research Association
Melton Mowbray
Leicestershire, England

PLP
Plenum Press, Inc.
227 West 17th Street
New York, New York 10011

PP
Pergamon Press
122 East 55th Street
New York, New York 10022

PS
Primary Sources
11 Bleecker Street
New York, New York 10012

RIA
Research International Associates
1522 Connecticut Avenue, N. W.
Washington, D. C. 20006

RIS
Research Information Service
Div. of Maxwell Scientific International, Inc.
122 East 55th Street
New York, New York 10022

RIS
Research Information Service
Div. of Pergamon International Corp.
122 East 55th Street
New York, New York 10022

SA
Seizaburo Aoki
Japanese Language Translation Service
15/2027 Chogo
Fujisawa, Japan

SIAM
Business Manager
SIAM Publications
Box 7541
Philadelphia, Pennsylvania 19100

SIC
Scientific Information Consultants Limited
661 Finchley Road
London N. W. 2, England

SLA
SLA Translations Center
The John Crerar Library
35 West 33rd Street
Chicago, Illinois 60616

ST
Scripta Technica, Inc.
1000 Vermont Avenue, N. W.
Washington, D. C. 20005

STS
Scientific Translation Service
1938 Verdugo Knolls Drive
Glendale, California 91200

STT
SCIENTECH, Scientific & Technical Translations
P. O. Box 3530
Cleveland, Ohio 44118

TF
Taylor and Francis Ltd.
Red Lion Court, Fleet Street
London, E. C. 4, England

TDL
Mr. John Wiley
Technical Development Laboratories
P. O. Box 769
Savannah, Georgia 31400

TIB
Technische Informationsbibliothek
Am Welfengarten 1,
Hannover, West Germany

TIC
Technical Information Company
Patent Department
Chancery House
Chancery Lane
London, W.C. 2, England

TTIS
Translation & Technical Information Services
32 Manaton Road
London, S. E. 15, England

WBI
Warren Birkenhead, Inc.
901 Northern Life Tower
Seattle, Washington 98101
or
No. 25, 2-Chome, Shiba Hamamatsu-Cho
Minato-Ku, Tokyo, Japan

CUMULATIVE INDEXES

The following Cumulative Indexes for Technical Translations are available from Superintendent of Documents, Government Printing Office, Washington, D. C. 20402:

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Volume 3	January - June	1960	$1.00
Volume 2	July - December	1959	$3.00
Volume 1	January - June	1959	$1.50

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WASHINGTON, D.C. 20230

TECHNICAL TRANSLATIONS

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BIBLIOGRAPHY

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MONTHLY INDEX OF RUSSIAN ACCESSIONS.
Order from GPO $12.00/year

This index is a record of the publications in the Russian language issued in and outside the Soviet Union that are currently received by the Library of Congress and a group of cooperating libraries. Wherever possible, publications printed in other languages spoken in the Soviet Union are also included. It consists of three parts; Part A lists monographic literature published by its English translation; Part B lists periodicals published after 1946; Part C constitutes a subject guide to both the monographs and periodical articles listed in Parts A and B.

AGRICULTURE

CHEMISTRY IN AGRICULTURE, 1964 [VOL. 2] NO. 2[4]. 21 Jul 64, 136p JPRS: 25523.
Order from OTS HC $2.75 MF $1.25 TT-64-31800

Trans. of Khimiya v Sel'skom Khozyaistve (USSR) 1964 [v. 2] no. 2[4] p. 1-52.

For table of contents see the "Periodicals Translated Cover-to-Cover" section of this issue.

COMMUNIST CHINA'S FOOD AND AGRICULTURE: TRANSLATIONS NO. 1. 28 Jul 64, 135p JPRS: 25617.
Order from OTS HC $4.00, MF $1.00 TT-64-31889

Contains translations of 29 selected articles from May-Jun 64 iwwues of various Communist Chinese newspapers.

EAST EUROPEAN AGRICULTURE, FORESTRY AND FOOD INDUSTRIES: TRANSLATIONS NO. 277.
22 Jul 64 [31p] JPRS: 25549.
Order from OTS HC $1.00, MF $0.50 TT-64-31821

Trans. of 4 selected articles from May-Jun 64 issues of Bulgarian, Czechoslovakian, Hungarian and Polish journals.

EAST EUROPEAN AGRICULTURE, FORESTRY AND FOOD INDUSTRIES: TRANSLATIONS NO. 278.
29 Jul 64 [54p] JPRS: 25643.
Order from OTS HC $3.00, MF $0.75 TT-64-31915

Trans. of 5 selected articles from 1964 issues of East German, Hungarian and Yugoslavian journals.

EAST EUROPEAN AGRICULTURE, FORESTRY AND FOOD INDUSTRIES: TRANSLATIONS NO. 279.
31 Jul 64 [40p] JPRS: 25672.
Order from OTS HC $2.00, MF $0.50 TT-64-31944

Trans. of 4 selected articles from Apr-May 64 issues of Bulgarian and Yugoslavian journals.

EAST EUROPEAN AGRICULTURE, FORESTRY, AND FOOD INDUSTRIES: TRANSLATIONS NO. 280.
3 Aug 64 [22p] JPRS: 25700.
Order from OTS HC $1.00, MF $0.50 TT-64-31972

Trans. of 3 selected articles from May-Jun 64 issues of Bulgarian and Hungarian journals.

EAST EUROPEAN AGRICULTURE, FORESTRY, AND FOOD INDUSTRIES: TRANSLATIONS NO. 281.
5 Aug 64 [55p] JPRS: 25725.
Order from OTS HC $3.00, MF $0.75 TT-64-31996

Trans. of 8 selected articles from 1964 issues of various Bulgarian, Hungarian and Polish journals.

EAST EUROPEAN AGRICULTURE, FORESTRY, AND FOOD INDUSTRIES: TRANSLATIONS NO. 286.
19 Aug 64 [41p] JPRS: 25969.
Order from OTS HC$2.00, MF $0.50 TT-64-41240

Trans. of 3 selected articles from Jun-Jul 64 issues of Bulgarian, Polish and Rumanian journals.

EAST EUROPEAN AGRICULTURE, FORESTRY AND FOOD INDUSTRIES: TRANSLATIONS NO. 287.
19 Aug 64 [16p] JPRS: 25996.
Order from OTS HC $1.00, MF $0.50 TT-64-41267

Trans. of 4 selected articles of 1964 issues of various Bulgarian, Czechoslovakian and Rumanian journals.

USSR INDUSTRIAL DEVELOPMENT: SOVIET TRACTORS AND AGRICULTURAL MACHINERY NO. 135. 25 Aug 64, 21p JPRS: 26106.
Order from OTS HC $1.00, MF $0.50 TT-64-41366

Contains partial and complete translations of 26 selected articles from 1964 issues of various Russian publications.

USSR INDUSTRIAL DEVELOPMENTS: SOVIET TRACTORS AND AGRICULTURAL MACHINERY NO. 136. 25 Aug 64, 17p JPRS: 26129.
Order from OTS HC $1.00, MF $0.50 TT-64-41389

Trans. of 3 selected articles from Mar-Apr 64 issues of Russian journals.

Animal Husbandry

Dil'bazi, G. I.
FURACILLIN IN VETERINARY PRACTICE (Furatsillin v Veterinarnoi Praktike). 11 Mar 57, 3p NIH no. 9-38-58.
Order from OTS or ETC HC $1.00, MF $0.50 TT-64-19526

Trans. of Veterinariya (USSR) 1956, v. 33 [no. 5] p. 60-61.

Pegel'man, S.
THE DEVELOPMENT OF THERMOREGULATION IN CHICKENS (K Voprosu o Razvitii Termoregulyatsii Tsyplyat). [46p] (foreign text included) 28refs FASEB Ms no.: S 326-4.
Order from OTS or ETC HC $2.00, MF $0.50 TT-64-19696

Trans. of Akademiya Nauk Estonskoi SSR [Tallinn]. Izvestiya. Seriya Biologicheskaya, 1963, v. 12, no. 2, p. 148-158.

Plant Cultivation

Jurion, F.
THE CULTIVATION OF TOBACCO IN SOUTHERN RHODESIA AND IN THE UNION OF SOUTH AFRICA (CONTINUATION AND END). 14p.
Order from K-H $8.40 K-H-2141

Trans. of Revue Internationale des Tabacs (France) 1950, v. 25, p. 17-24.

Kajitch, Miloutine.
DEVELOPMENT AND ECOLOGICAL CONDITIONS OF YUGOSLAVIAN TOBACCO CULTIVATION: MEASURES FOR IMPROVING IT. 11p.
Order from K-H $6.60 K-H-2447-b

Trans. of Revue Internationale des Tabacs (France) 1950, v. 25, p. 99-102.

Kajitch, Miloutine.
DEVELOPMENT AND ECOLOGICAL CONDITIONS OF YUGOSLAVIAN TOBACCO CULTIVATION: MEASURES FOR IMPROVING IT (CONTINUATION). 19p.
Order from K-H $11.40 K-H-2447-c

Trans. of Revue Internationale des Tabacs (France) 1950, v. 25, p. 151-156.

Kaznowski, Lucien.
TOBACCO DISEASES. 5p.
Order from K-H $3.00 K-H-2278-b

Trans. of Revue Internationale des Tabacs (France) 1949, v. 24, p. 183 and 189.

Kissis, T. Ya.
RESULTS OF OBSERVATIONS ON THE INFLUENCE OF CONTINUOUS AND STRIP PLANTATIONS ON THE DISTRIBUTION OF THE SNOW COVER AND ON THE INFILTRATION OF MOISTURE INTO THE SOIL IN SPRING (Rezul'taty Nablyudenii za Vliyaniem Massivnykh i Polosnykh Nasazhdenii na Raspredelenie Snezhnogo Pokrova i Vesennee Postuplenie Vlagi v Pochvu). 1964, 15p 3refs PL-480 Agr.
Order from OTS HC $0.50, MF $0.50 TT-64-11067

Trans. of Akademiya Nauk SSSR. Institut Lesa. Trudy, 1958, v. 43, p. 138-151.

Koenig, Paul.
NEW EXPERIMENTS WITH THE FERTILIZATION OF TOBACCO IN GERMANY. 10p.
Order from K-H $6.00 K-H-1342-a

Trans. of Revue Internationale des Tabacs (France) n.d., p. 84-86.

Korovin, B. A.
THE CHEMICAL METHOD AS A MEANS OF COMBATING VIRUS DISEASES OF TOBACCO. 7p
Order from K-H $4.20 K-H-2821-a

Trans. of Tabak (USSR) 1952 [v. 13] no. 1, p. 56-58.

Kuchke, Hans-Joachim, Loeser, Arnold, Meyer, Gerda and Sturmer, Egon.
INVESTIGATIONS ON DIETHYLEN GLYCOL AS AN AGENT FOR HOLDING THE WATER IN TOBACCO. 11p.
Order from K-H $6.60 K-H-2692-b

Trans. of Zeitschrift für die Gesamte Experimentelle Medizin (Germany) 1952, v. 119, p. 266-271.

Lazarev, A. A., ed.
AN EXPERIMENT IN SOIL SURVEY OF COLLECTIVE FARM LANDS (AS EXEMPLIFIED BY THE "VLADIMIR IL'ICH" FARM IN THE SEREBRYANYE PRUDY DISTRICT OF THE MOSCOW REGION)
R. Nadel and S. Swilling, trs. 1964, 154p 50refs PL-480 Agr.
Order from OTS HC $1.50, MF $1.50 TT-64-11014

Trans. of mono. Opyt Pochvennykh Issledovanii Zemel' v Kolkhozakh - na Primere Kolkhoza im. Vladimira Il'icha, Serebryanoprudskogo Raiona, Moskovskoi Oblasti, Moscow, 1961

For table of contents see the "Periodicals Translated Cover-to-Cover" section of this issue.

Mamedov, R. S.
EFFECT OF PETROLEUM GROWTH STIMULANT ON THE RICE CROP (EXCERPT). 2p.
Order from ATS $2.00 ATS-73R76R

Trans. of Akad[emiya] Nauk Azerb[aidzhanskoi] SSR [Baku]. Dokl[ady] 1963, v. 19, no. 11, p. 59-63.

Martino, Cosimo.
GROWTH OF "LEVANTINE" TOBACCO AS A FUNCTION OF TIME. 25p.
Order from K-H $15.00 K-H-2650-e

Trans. of il Tabacco (Italy) 1951, v. 55, no. 624, p. 215-234.

Molinari, Emil.
AUSTRIA AND THE SCIENCE OF TOBACCO. 7p.
Order from K-H $4.20 K-H-2012-b

Trans. of Revue Internationale des Tabacs (France) 1950, v. 25, p. 196ff.

Sokolov, N. S., Shipinov, N. A., Chesalin, G. A., and Yakovlev, B. V., eds.
HERBICIDES IN AGRICULTURE: CONFERENCE PROCEEDINGS. Papers from a Conference on the Problems of Applying Chemical Weed Control, Moscow, Jan 61. 1964, 236p 175refs PL-480 Agr.
Order from OTS HC $2.50, MF $1.25 TT-64-11077

Trans. of mono. Primenenie Gerbitsidov v Sel'skom Khozyaistve, Moscow, 1962 [272p].

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ASTRONOMY

Astrophysics

COSMIC RESEARCH, 1964, VOL. 2, NO. 2.
8 Jun 64 [299p] FTD-TT-64-547; AD-601 554.
Order from OTS HC $4.00 MF $1.50 TT-64-11777

Unedited rough draft trans. of Kosmicheskie Issledovaniya (USSR) 1964, v. 2, no. 2, p. 3-173.

For table of contents see the "Periodicals Translated Cover-to-Cover" section of this issue.

Abrikosov, A. A.
THE EQUATION OF STATE OF HYDROGEN AT HIGH PRESSURES
Margaret Kivelson, tr. 3 Mar 58 [30p] 3refs T-81; AD-605 743.
Order from OTS HC $2.00 MF $0.50 TT-64-71362

Trans. of Astronomicheskii Zhurnal (USSR) 1954, v. 31, p. 112ff.
Also available from SLA as R-3731, 27p.

Astapovich, I. S.
AN IRON METEORITE SHOWER
E. R. Hope, tr. Apr 64, 2p DSIS T 387 R.
Order from NRC NRC C-4830

Trans. of Priroda (USSR) 1963 [v. 52] no. 10, p. 87-89.

Deirmendjian, Diran.
THEORY OF THE SOLAR AUREOLE. PT. I. SCATTERING AND RADIATIVE TRANSFER.
3 Oct 57 [40p] 25refs P-1190; AD-606 546.
Order from OTS HC $2.00, MF $0.50 TT-64-71475

Trans. of Annales de Geophysique (France) 1957, v. 13, no. 4, p. 286-306.

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Order from OTS HC $1.00, MF $0.50 TT-64-41317

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DEVICE COMPOSED OF CHAINS FOR STRETCHING STRIP MATERIAL. 16p.
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Order from OTS HC $4.00, MF $1.00 TT-64-31957

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PHYSICS

EAST EUROPEAN SCIENTIFIC ABSTRACTS: PHYSICS AND MATHEMATICS NO. 35. 21 Aug 64, 4p
JPRS: 26066.
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Consists of abstracts of articles from selected scientific and technical journals of East Germany and Hungary.

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JPRS: 26099.
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JPRS: 26125.
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AEI Ref. T.P./T. 3284; DSIR NLL 9022.03.
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Trans. of Zh[urnal] Prikład[noi] Mekh[aniki i] Tekh[nicheskoi] Fiz[iki] (USSR) 1962, no. 2, p. 7-13. Another trans. is available from OTS or SLA $7.60 in TT-63-19636, FTD-TT-62-1778, 3 May 63 [71p].

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Order from OTS HC $1.00, MF $0.50 TT-64-71407

Edited machine trans. of mono Fizicheskaya Gazodinamika, Teploobmen i Termodinamika Gazov Vysokikh Temperatur (Physical Gas Dynamics, Heat Exchange and Thermodynamics of Gases of High Temperatures) Moscow, 1962, p. 120-130.

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(Nihon Hoshasen Kobunshi Kenkyu Kyokai Nempo)

1961, VOL. 3.

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(Teoriya Vzryvchatykh Veshchestv: Sbornik Statei)

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TT-64-71429	794	TT-64-71448	824	TT-64-71472	754		

U.S. DEPARTMENT OF COMMERCE FIELD OFFICES

SERVE THE BUSINESS COMMUNITY

The Department of Commerce maintains Field Offices to enable the business community to avail itself locally of Government facilities designed to promote commerce. Working closely with various units in the Department and, when necessary, with other Government agencies, the Field Offices provide business services to manufacturers, wholesalers, retailers, trade publications, trade associations, advertising agencies, research groups, financial institutions, and exporters and importers.

Experienced personnel will gladly assist in the solution of specific problems, explain the scope and meaning of regulations administered by the Department, and provide practical assistance in the broad field of domestic and foreign commerce. Field Offices act as official sales agents of the Superintendent of Documents, and maintain an extensive business reference library containing periodicals, directories, publications and reports from official as well as private sources.

Among the many services which businessmen have found of value are:

GENERAL

- Management and business aids
- Establishing a new business

BASIC ECONOMIC DATA

- Census data with national and often State and regional breakdowns, on manufacturing wholesaling, retailing, service industries, employment and unemployment, population, housing, agriculture
- Basic records of national income and product, regional trends, balance of payments, foreign aid

MARKETING AND DISTRIBUTION

- Development and maintenance of markets
- Distribution channels, facilities and services
- Marketing and distribution statistics

PRODUCTION

- Modernization of plant processes and other technological aids
- Development of new products
- Government-owned patents for free license
- Commodity standards

FOREIGN TRADE AND INVESTMENT

- Tariff and exchange regulations
- Import and export quotas, licensing regulations
- Statistics on imports and exports
- Investment and trade opportunities abroad
- Economic conditions in foreign countries

COOPERATIVE OFFICES

To make the services of the Department of Commerce more widely available, agreements have been entered into with more than 750 Chambers of Commerce, Manufacturers Associations, and similar business groups under which these organizations have become official Cooperative Offices of the Department. If specific information is not on hand in the Cooperative Office, your problem will be referred to the nearest Departmental field office.

Department Field Offices

Albuquerque, N. Mex., 87101, U.S. Courthouse. 247-0311.
Anchorage, Alaska, 99501, Room 306, Loussac-Sogn Building. Phone: BR 2-9611.
Atlanta, Ga., 30303, 75 Forsyth St., N.W. JAckson 2-4121.
Baltimore, Md., 21202, 305 U.S. Customhouse, Gay and Lombard Streets. Phone: PLaza 2-8460.
Birmingham, Ala., 35203, Title Bldg., 2030 Third Ave., North. Phone: 325-3131.
Boston, Mass., 02110, Room 230, 80 Federal Street. CApitol 3-2312.
Buffalo, N.Y., 14203, 504 Federal Building, 117 Ellicott Street. Phone: 842-3208.
Charleston, S.C., 29401, No. 4, North Atlantic Wharf. Phone: 722-6551.
Charleston, W. Va., 25301, 3002 New Federal Office Building, 500 Quarrier Street. Phone: 343-6196.
Cheyenne, Wyo., 82001, 207 Majestic Bldg., 16th & Capitol Ave. Phone: 634-5920.
Chicago, Ill., 60606, Room 1302, 226 West Jackson Blvd. 828-4400.
Cincinnati, Ohio, 45202, 8028 Federal Office Building, 550 Main Street. Phone: 381-2200.
Cleveland, Ohio, 44101, 4th Floor, Federal Reserve Bank Bldg., East 6th St. & Superior Ave. 241-7900.
Dallas, Tex., 75202, Room 1200, 1114 Commerce Street. Riverside 9-3287.
Denver, Colo., 80202, 142 New Custom House, 19th & Stout Street. Phone: 297-3246.
Des Moines, Iowa, 50309, 1216 Paramount Building, 509 Grand Avenue. Phone: 284-4222.
Detroit, Mich., 48226, 445 Federal Bldg. 226-6088.
Greensboro, N.C., 27402, Room 407, U.S. Post Office Building. 273-8234.
Hartford, Conn., 06103, 18 Asylum St. Phone: 244-3530.
Honolulu, Hawaii, 96813, 202 International Savings Bldg., 1022 Bethel Street. Phone: 588667.
Houston, Tex., 77002, 5102 Federal Bldg., 515 Rusk Ave. CA 8-0611.
Jacksonville, Fla., 32202, 512 Greenleaf Building, 208 Laura Street. ELgin 4-7111.
Kansas City, Mo., 64106, Room 2011, 911 Walnut Street. BAltimore 1-7000.
Los Angeles, Calif., 90015, Room 450, Western Pacific Building, 1031 S. Broadway. 688-2830.
Memphis, Tenn., 38103, 345 Federal Office Building, 167 N. Main Street. Phone: 534-3214.
Miami, Fla., 33130, 1628 Federal Office Bldg., 51 S.W. First Avenue. Phone: 350-5267.
Milwaukee, Wis., 53203, Straus Bldg., 238 W. Wisconsin Avenue. Phone: BR 2-8600.
Minneapolis, Minn., 55401, Room 304, Federal Bldg., 110 South Fourth Street. Phone: 334-2133.
New Orleans, La., 70130, 1508 Masonic Temple Bldg., 333 St. Charles Avenue. Phone: 527-6546.
New York, N.Y. 10001, 61st Fl., Empire State Bldg., 350 Fifth Avenue. LOngacre 3-3377.
Philadelphia, Pa., 19107, Jefferson Building, 1015 Chestnut Street. WAlnut 3-2400.
Phoenix, Ariz., 85025, New Federal Bldg., 230 N. First Avenue. Phone: 261-3285.
Pittsburgh, Pa., 15222, 1030 Park Bldg., 355 Fifth Avenue. Phone: 644-2850.
Portland, Oreg., 97204, 217 Old U.S. Courthouse, 520 S.W. Morrison Street. 226-3361.
Reno, Nev., 89502, 1479 Wells Avenue. Phone: FA 2-7133.
Richmond, Va., 23240, 2105 Federal Building, 400 North 8th Street. Phone: 649-3611.
St. Louis, Mo., 63103, 2511 Federal Bldg., 1520 Market Street. MAin 2-4243.
Salt Lake City, Utah, 84111, 3235 Federal Building, 125 South State Street. 524-5116.
San Francisco, Calif., 94102, Federal Building, 450 Golden Gate Avenue. Phone: 556-5864.
Santurce, Puerto Rico, 00907, Room 628, 605 Condado Avenue. Phone: 723-4640.
Savannah, Ga., 31402, 235 U.S. Courthouse and Post Office Bldg., 125-29 Bull Street. ADams 2-4755.
Seattle, Wash., 98104, 809 Federal Office Bldg., 909 First Avenue. MUtual 2-3300.

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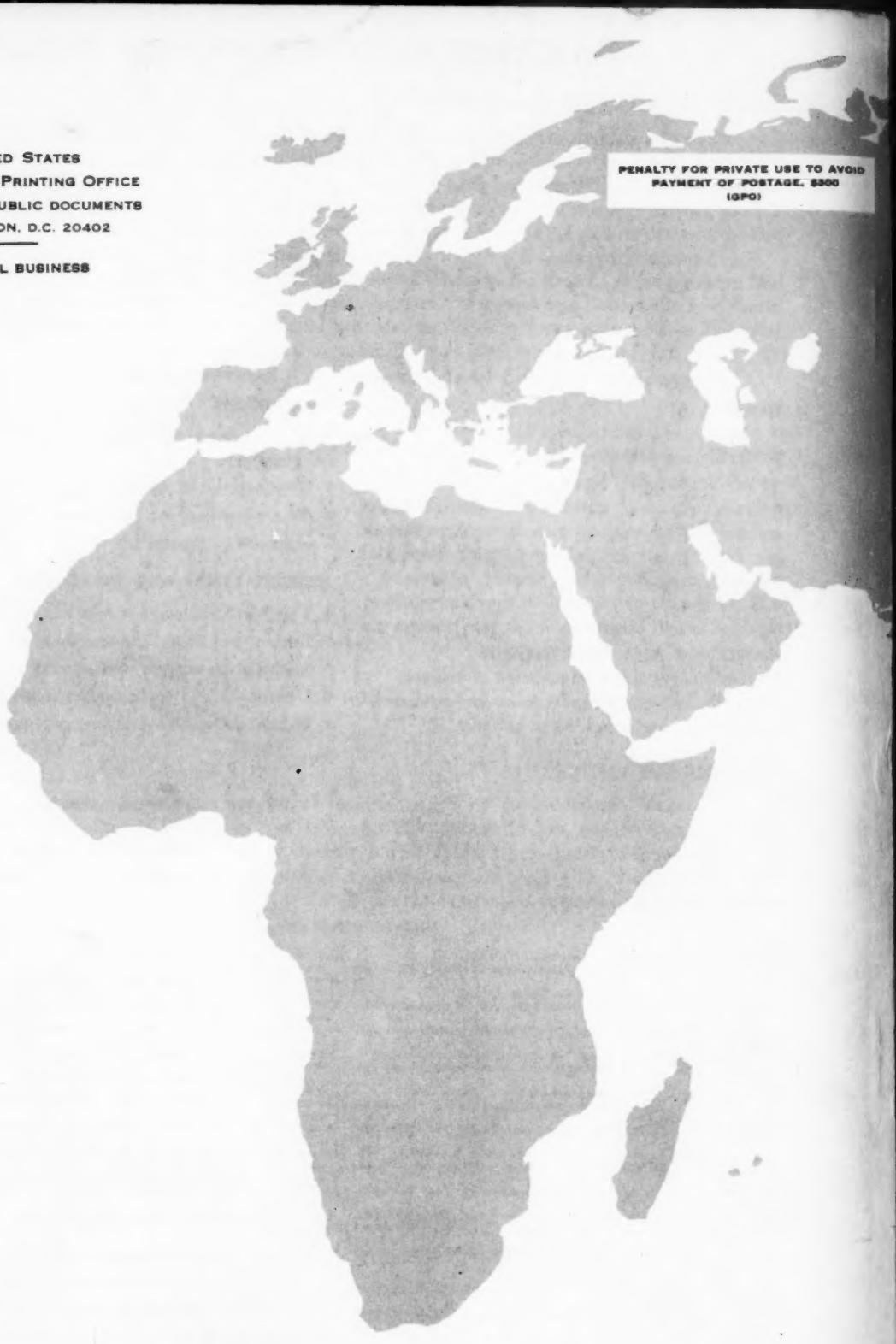
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